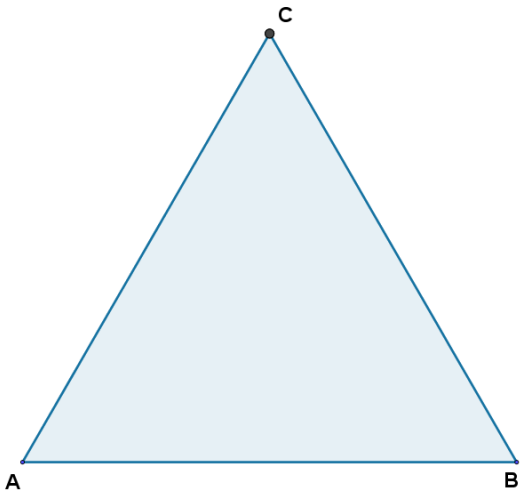
**Il triangolo equilatero.**

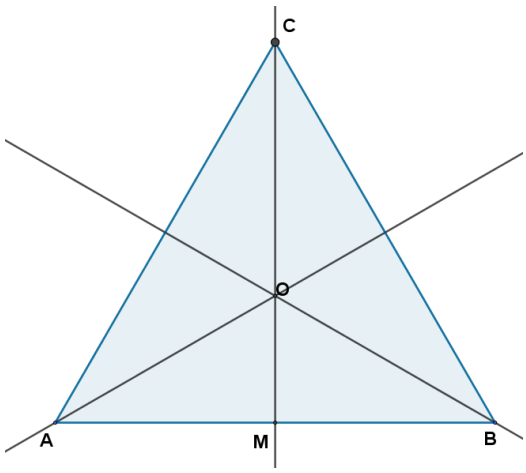
Dato il triangolo equilatero ABC di lato $\ell$, conosciamo che:



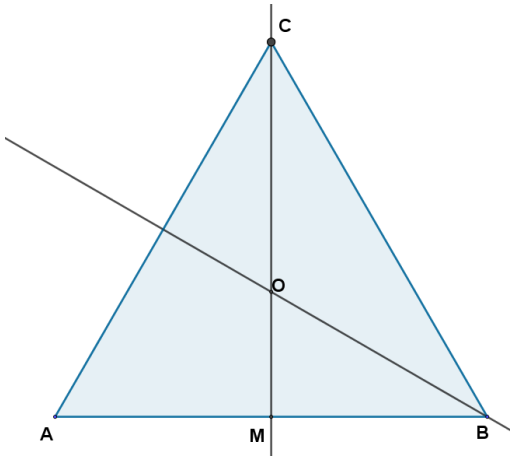

$\mathbf{P = 3\ell}$ ; $\mathbf{h = \frac{\ell\sqrt{3}}{2}}$ ; $\mathbf{A = \frac{\ell^2\sqrt{3}}{4}}$ ; A= ……

Quali altre relazioni puoi calcolare?

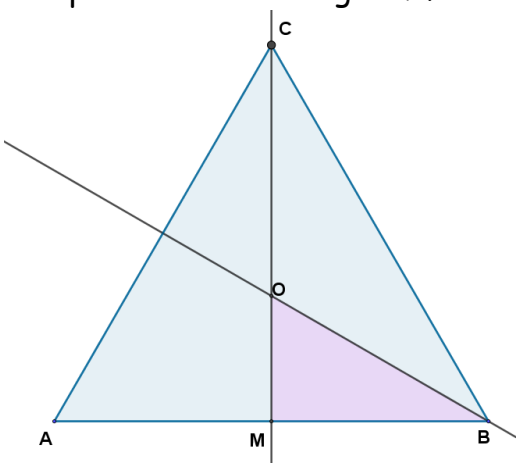
Traccia gli assi cosa noti? Che relazione esiste tra i segmenti MC, MO e OC?



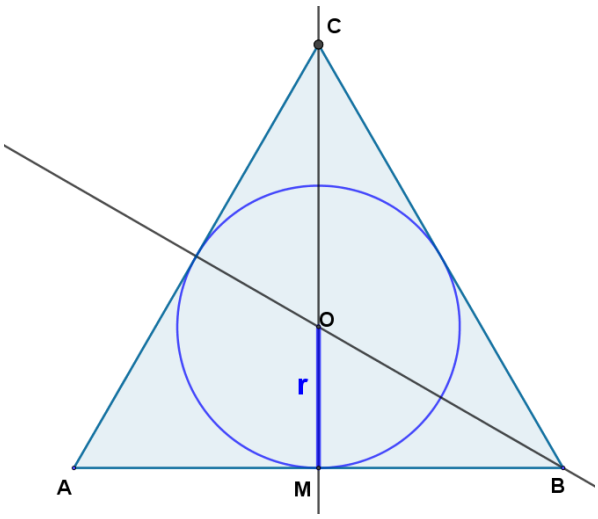

Prendi in considerazione solo due assi cosa noti?



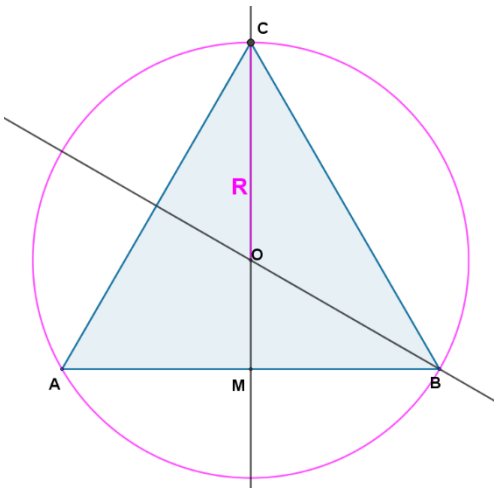
Cosa puoi dire del triangolo MBO?




Cosa puoi dire della circonferenza inscritta al triangolo?




Cosa puoi dire della circonferenza circoscritta al triangolo?




Conclusioni: